

URBAN DISTRICT COUNCIL OF WORSLEY

ANNUAL REPORT

OF THE


Medical Officer of Health

AND THE

Chief Public Health Inspector



1970



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Annual Report of the Medical Officer of Health for the year 1970

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W O R S L E Y U R B A N D I S T R I C T C O U N C I L

LIST OF MEMBERS OF THE COUNCIL
DURING THE MUNICIPAL YEAR 1970/1971

Chairman of the Council

Councillor John Ernest Stell

Vice-Chairman

Councillor William Bernard Pennington, B.Sc.

Ø Councillor J. Bingham	Ø Councillor E. Mann, B.E.M., J.P.
Ø Councillor Mrs. D. M. Calderley	Councillor S. Martin
/ Councillor Mrs. J. Catlow	Ø Councillor Mrs. D. McGowan
Councillor E. Cooper	Ø Councillor Mrs. E. Meeson
Councillor P. G. Griffiths	Councillor G. Millington
Ø Councillor A. E. Hall, J.P.	Councillor C. Mullineux
Councillor E. Harper, J.P.	Councillor F. A. Randall
Ø Councillor B. Higginbottom	Ø Councillor E. Schofield
Councillor T. A. Hobbs	Councillor W. Summers
* Councillor E. J. Holt, A.C.P., M.R.I.H.H.	Ø Councillor J. Tonkin
Ø Councillor J. Howard	Councillor J. Ward
Councillor J. W. MacDonald	Councillor A. Williams, J.P., C.C.
	Councillor S. Wood

Clerk of the Council

R. E. Huband - Solicitor

* Chairman of the Public Health Committee

/ Vice Chairman of the Public Health Committee

Ø Members of the Public Health Committee

P U B L I C H E A L T H O F F I C E R S

Medical Officer of Health

W. J. ELWOOD, M.B., B.Ch., B.A.O., D.P.H.

Deputy Medical Officer of Health

M. S. BLACKBOURN, M.B., Ch.B., L.R.C.P., M.R.C.S.,
D.Obs.R.C.O.G., D.C.H., D.P.H.

Chief Public Health Inspector and Cleansing Superintendent

F. HAWORTH, M.A.P.H.I., A.R.S.H. (a.b.c.d.)

Deputy Chief Public Health Inspector

K. S. ROWLANDS-PRICE, M.A.P.H.I. (a.b.e.)

Additional Public Health Inspectors

P. A. DOYLE (a.)

M. HUGHES, M.A.P.H.I., (a.b.e.)

D. MORRELL, M.A.P.H.I., (a.b.e.)

J. TUNSTALL, M.A.P.H.I., M.R.S.H., D.M.A., (a.b.e.)

Pupil Public Health Inspector

R. WILLIAMSON (to July, 1970)

Technical Assistant/Clerk of Works

D. CASHMORE

Clerks and Typists

MRS. N. NUTTALL - Senior Shorthand/Typist/Clerk (to June, 1970)

MRS. J. THORPE - Senior Shorthand/Typist /Clerk (from June, 1970)
- Clerk/Typist (to June, 1970)

MRS. A. MARSDEN - Clerk/Typist (from July, 1970)

MRS. A. SOWERBY - Part-time Clerk/Typist.

- NOTES:
- (a) Holds the Public Health Inspector's Certificate
 - (b) Holds the Meat Inspector's Certificate
 - (c) Holds the Certificate in Sanitary Science as applied to
Public Works and Buildings
 - (d) Holds the Associate Membership Certificate of the Institute
of Public Health Engineers.
 - (e) Holds the Smoke Inspector's Diploma.

ANNUAL REPORT
of the
MEDICAL OFFICER OF HEALTH
for the year 1970

Public Health Department,
Town Hall,
Worsley,
Manchester, M28 4GT.

Telephone: 061-790 4551

TO THE CHAIRMAN AND MEMBERS OF THE WORSLEY URBAN DISTRICT COUNCIL

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present to you my fifteenth annual report.

Although not mentioned in the body of the report, it is possibly useful to refer here to the 1971 Census, of which the preliminary report gives for Worsley a population figure of 49,573. (This figure falls short of the Registrar General's estimate for mid-1970 which was 49,770). Between the 1951 and 1961 Censuses, when the overspill scheme was in its phase of most rapid development, the rate of increase in the population of Worsley was 3.80 per cent per year. During the next decade the intercensal increase was at the rate of 2.04 per cent per year. We may hazard a guess that the average rate of increase during the present decade might be about 1.05 per cent per year, which would give for Worsley a population of around 55,000 in 1981.

The birth rate was 16.0 in 1970 and 15.8 in 1969. These rates compare with an average rate of 16.9 over the previous thirteen years; the drop in the rate over the past two years is striking, and may be significant.

Amongst the causes of death ischaemic heart disease acquires heightened significance in that more deaths (one hundred and fifty) were attributed to this single cause than in any previous year in Worsley's history. Previous highest totals were one hundred and forty-five cases in 1969 and one hundred and twenty-eight in 1965. In this connection it may be appropriate to refer to the inauguration during 1970 of the mobile coronary care service (the "heart ambulance") based on Hope Hospital, which serves the Urban District as part of its catchment area. This service, along with a few similar services in other parts of the country, is the subject of evaluation studies, the outcome of which will no doubt influence national policy in regard to the provision of this kind of service in other areas in the future.

On the more practical level of personal prevention it may be pertinent to point out that heavy smokers incur a risk of dying of coronary heartdisease which is greater by 70% than that of non-smokers. Giving up smoking also decreases the risk of contracting cancer of the lung, as well as mitigating the discomfort of bronchitis.

As in 1961 and 1963, so in 1970 the greatest part of the exceptionally large number of cases of infectious diseases notified (856) was contributed by the notification of cases of measles (624). In practice however the sixty-one cases of infective jaundice notified give more cause for concern than the much greater number of cases of measles or the cases of whooping cough (56) which were relatively more numerous than in recent years.

Mr. Haworth in his accompanying letter rightly draws attention to the need for vigilance and for rigorous control in the matter of pollution of the environment. In the future we may see more sophisticated monitoring than we have now of pollutants and poisons in food, in vegetation, in the soil, in water and in the atmosphere; we may also see stronger legislative powers exercised by local authorities with wider responsibilities for bigger areas. In the meantime however it is a pleasure to pay tribute to the officers of the Health Department who have throughout the year diligently carried out the responsibilities laid upon them to ensure the health and safety of the people whom you represent.

I am, Ladies and Gentlemen,

Yours obediently,

WILLIS J. ELWOOD

Medical Officer of Health

February, 1972

STATISTICAL SUMMARY

VITAL STATISTICS (See also Tables I, II and III)

		<u>Males</u>	<u>Females</u>	<u>Total</u>
Live Births	Legitimate	393	350	743
	Illegitimate	26	25	51
	Total	419	375	794

Live birth rate per 1,000 estimated population		
Crude Birth Rate		16.0
Adjusted Birth Rate		18.6
Illegitimate live births per cent of total live births		6.0

		<u>Males</u>	<u>Females</u>	<u>Total</u>
Still-Births	Legitimate	11	8	19
	Illegitimate	-	-	-
	Total	11	8	19

Still-Birth rate per 1,000 live and still-births		23.0
--	--	------

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Total live and still-births	430	383	813

		<u>Males</u>	<u>Females</u>	<u>Total</u>
Infant deaths under one year of age	Legitimate	7	12	19
	Illegitimate	2	-	2
	Total	9	12	21

Infant mortality rate per 1,000 live births	- Total	26
" " " " " " "	- Legitimate	26
" " " " " " "	- Illegitimate	39

		<u>Males</u>	<u>Females</u>	<u>Total</u>
Infant deaths under four weeks of age	Legitimate	4	6	10
	Illegitimate	2	-	2
	Total	6	6	12

Neonatal mortality rate per 1,000 live births		15
Early Neonatal mortality rate per 1,000 live births		11
Perinatal mortality rate per 1,000 total births		34

Maternal deaths (including abortion)		-
Maternal mortality rate per 1,000 total births		-

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Total deaths	280	276	556

Death rate per 1,000 estimated population		
Crude Rate		11.2
Adjusted Rate		15.9

Deaths from Measles, Diphtheria, Whooping Cough		-
Deaths from Cancer		96

ENGLAND AND WALES

Birth rate per 1,000 population	16.0
Death rate per 1,000 population	11.7

GENERAL STATISTICS

Area of the district in acres	7,242
Population - 1961 Census	40,393
- Registrar General's estimated mid-1970	49,770
Number of inhabited houses at 31st December, 1970	16,766
Rateable value at 31st December, 1970	£1,762,833
Sum represented by Penny Rate, 1970	£6,920

PHYSICAL FEATURES AND SOCIAL CONDITIONS

The district is well served by transport facilities. Within the district is the Worsley "braided" intersection which gives direct access to Motorways M61 and M62. Two trunk roads, the Manchester to Liverpool East Lancashire Road (A.580) and the Manchester to Preston road (A.6) pass through the district. Rail passenger facilities are available at the British Rail Walkden High Level station and the Bridgewater Canal transverses the district from east to west. Bus services are provided by the S.E.L.N.E.C. Transport Authority and the Lancashire United Bus Company.

Over a number of years the industrial character of the town has changed from predominantly coal and cotton to those of a more varied nature. The principal industries are now: light and heavy engineering, iron and brass founding, tailoring and garment manufacture, chemical manufacture, cotton spinning, weaving and dyeing, plastic utensil manufacture, food preparation and warehousing. In addition a small proportion of the population are still employed in the coal industries although there are no longer any active mines in the district.

No conditions of occupation appear to have had a prejudicial effect on the health of the residents in the district.

There were 16,766 inhabited houses at the 31st December, this represents a density of 2.97 persons per occupied dwellinghouse.

POPULATION (table II)

The resident population of Worsley estimated by the Registrar General mid-1970 was 49,770 an increase of only 70 on the estimated population for the previous year (49,700), an increase of 22,420 on the 1951 census, and an increase of 9,377 on the 1961 census.

BIRTHS (See tables I and II)

The number of live births during 1970 was 794 (419 males and 375 females) as compared with 787 in 1969. This gives a live birth-rate of 16.0 per 1,000 population which is above the rate for the previous year (15.8) but is below the rate for the five years 1965/1969 (16.9).

STILL-BIRTHS (See Table I)

The still-births numbered 19. The still-birth rate was 23.0 per 1,000 total births as compared with 20.0 per 1,000 in 1969 and an average rate of 16.8 for the five years 1965/1969.

MATERNAL MORTALITY (See Table I)

No maternal deaths occurred during the year 1970.

INFANT MORTALITY (See Tables I and II)

During 1970 there were 21 deaths of infants under one year of age, which gives an infant mortality rate of 26.0 per 1,000 live births. This rate is above the average rate of 18.0 for the five years 1965/1969 and is also above the National rate of 18.0 for 1970.

The neonatal deaths, i.e. the number of deaths occurring in the first month of life were 12 giving a neonatal mortality rate of 15.0 per 1,000 live births as compared with an average rate of 13.3 for the five years 1965/1969.

The perinatal deaths, i.e. the number of still-births (19) plus the number of deaths occurring during the first seven days of life (9) were 28. This gives a perinatal mortality rate of 34.0 per 1,000 live and still-births.

DEATHS (See Tables I, II, III and IV)

The number of deaths at all ages during the year was 556 compared with 525 in 1969. The crude death rate was 11.2 per 1,000 of the population as compared with 10.6 for 1969. If the death rate for the district is to be fairly compared with that which obtains in neighbouring districts it should be multiplied by the Registrar General's "comparability factor" (1.42 for Worsley) to give the adjusted death rate of 15.9 per 1,000 population. This factor takes into account the differing age structure of the populations in different districts and the presence in any district of a chronic sick hospital (which would otherwise weight unfavourably the death rate for that district). The death rate for England and Wales for 1970 was 11.7 per 1,000 population.

The causes of death are clearly set out in Table III. It will be seen from the table that the greatest number of deaths was again due to causes relating to the heart or circulatory system (causes Nos. 26 to 30 and 46/6) which together accounted for 298 deaths or 53.6% of the total compared with 56.2% for the previous year. The high proportion of deaths due to cancer is given separate mention below. Bronchitis was responsible for 28 deaths or 5.0% of the total deaths.

CANCER

The number of deaths which have been due to this cause (including leukaemia) in recent years has been as follows:

	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>	<u>1970</u>
Cancer of stomach	12	13	22	18	17	11
Cancer of lung, bronchus	19	26	15	34	25	30
Cancer of breast	7	14	11	9	6	8
Cancer of uterus	3	3	3	4	5	2
Cancer of other sites	38	47	31	39	37	42
Leukeamia, aleukaemia	1	1	1	3	4	3
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	80	104	83	107	94	96
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

The deaths from this cause in 1970 represent 17.3% of all deaths in the district and give a cancer mortality rate of 1.93 per 1,000 population. The national rate for 1970 was 2.39 per 1,000 population.

UNCERTIFIED DEATHS AND INQUESTS

During the year there were 135 deaths (83 males and 52 females) in which the causes of death were certified after post mortem examination and/or Coroner's inquest. This represents 24.3% of all deaths in the district (compared with 26.1% in the previous year).

There were 29 inquests held and the coroner's verdicts were as follows:

Accidental Deaths	--	12
Misadventure	-	-
Natural Causes	--	5
Industrial Diseases	-	1
Motor Accidents	--	5
Open Verdicts	-	3
Suicide	--	3

MORTUARIES

40 lies from Little Hulton police area were directed to Bolton General Hospital and 5 bodies from the Walkden police areas were directed to the Bridgewater Hospital.

PREVALENCE AND CONTROL OF INFECTIOUS DISEASES (TABLE V)

There were 856 notifications of infectious diseases (including tuberculosis) during the year compared with 375 during 1969. 624 of these were cases of measles and there were 35 cases of scarlet fever.

There were 63 confirmed cases of dysentery which was an increase of 30 on the previous year, and there were fifteen cases of food poisoning confirmed.

TUBERCULOSIS

Statistical particulars relative to the incidence of tuberculosis are given in Tables VII, VIII, and IX. It will be seen that there was 1 new case of respiratory tuberculosis during the year.

There were no deaths from tuberculosis during 1970.

VACCINATION AND IMMUNISATION

Vaccination against Smallpox

Infant vaccination gives a measure of protection to the individual for many years; should the disease be contracted subsequently it is generally in a modified form and a fatal issue is unlikely.

The following figures show the number of vaccinations done in the district during 1970 and the previous two years:

	<u>1970</u>	<u>1969</u>	<u>1968</u>
(a) Number of Primary vaccinations	323	239	440
(b) Number of re-vaccinations	8	10	8

Immunisation against Diphtheria, Whooping Cough and Tetanus

Under arrangements made by the County Council, parents have the opportunity of having their children immunised from the age of four months. These protective injections are given free of charge at clinics and by general practitioners at their surgeries.

The following table shows the number of children who were immunised during the year:

Children protected against:	<u>Primary</u>	<u>Reinforcing</u>
Diphtheria	710	735
Whooping Cough	646	217
Tetanus	711	770
Total Diphtheria immunisation in 1969	474	996

Vaccination against Poliomyelitis

During the year under report the number of persons who received primary vaccination against Poliomyelitis was 727 compared with 562 in the previous year. The number of persons who were given reinforcement doses was 632 compared with 678 in 1969

B. C. G. Vaccination against Tuberculosis

450 persons received B. C. G. vaccinations during 1970.

Measles Vaccination

During 1970 476 children under five years of age received primary vaccinations against Measles.

German Measles Vaccination

During 1970 vaccination against German Measles became available for girls in their thirteenth year and 178 girls received vaccinations.

NATIONAL ASSISTANCE ACT, 1948

Section 47 of this Act, as amended in 1951 gives power to remove compulsorily to hospital or part III accommodation, persons in need of care and attention, which they are unable to provide for themselves and which they are not receiving from other persons.

Action is only taken as a last resort when a person is in an advanced state of neglect and is unwilling to go voluntarily.

No cases arose during the year in which action under this section was required.

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA

I Services Provided by the Manchester Regional Hospital Board

1. Hospitals

The only hospital in the District, Peel Hall, Little Hulton is a small unit which accommodates both male and female psychogeriatric cases.

The district is served in the main by the undermentioned hospitals:

- a. General: Bolton Royal Infirmary
Salford Royal Hospital
Hope Hospital, Salford
- b. Infectious Diseases: Astley Hospital, Astley
Hulton Hospital, Bolton
Ladywell Hospital, Salford
Monsall Hospital, Manchester
- c. Maternity Bolton District General Hospital, Farnworth
Hope Hospital, Salford
Park Hospital, Davyhulme
Eccles and Patricroft Hospital

2. Tuberculosis

Whilst certain aspects of this work, more particularly the domiciliary visiting of cases and contacts, come within the province of the Divisional Medical Officer, the Regional Hospital Board does provide Mass Miniature Radiography Surveys which are carried out periodically in the district by the Board's No. 4 Unit which is based at Manchester (Telephone No. 205 1103).

3. Venereal Diseases Clinics

St. Luke's Clinic, 11 Duke Street, Liverpool Road, Manchester, 3
The Clinic, Civic Centre, Bolton.

II Services provided by the Local Health Authority

Worsley is one of the three constituent districts of Lancashire County Council Health Division number 15 which in addition includes the Borough of Eccles and the Borough of Swinton and Pendlebury.

The services which are provided by the County Council are as follows:

1. Care of Mothers and Young Children.
This includes ante-natal and child welfare clinics, dental care, distribution of welfare foods and day nurseries.
2. School Health Services
3. Midwifery
4. Health Visiting
5. Home Nursing
6. Vaccination and Immunisation
7. Ambulance Service
8. Prevention of illness, care and aftercare.
This includes chiropody, health education, loans of nursing equipment, and convalescence for those who have been ill.
9. Home Help Service
10. Mental Health
11. Arrangements for the welfare of blind, deaf and dumb, crippled and handicapped persons.
12. Provision of residential accommodation for the aged and infirm.

Your Medical Officer of Health, in his capacity as Divisional Medical Officer is the officer locally responsible for the administration of these services, and any enquiry in regard to them should be addressed to him:

Dr. W. J. Elwood, D.P.H.,
Divisional Medical Officer,
Lancashire County Council Health Division No. 15,
33 Green Lane,
Patricroft,
Eccles.

A brief resumé of the above services as available to residents in Worsley is given below (and in the order in which they are named above):

	<u>Centre</u>	<u>Hours of Attendance</u>
<u>Ante Natal and Post Natal</u>	Haysbrook Avenue, Little Hulton	Wednesday 1.30 p.m. to 3.30 p.m.
<u>Child Welfare</u>	51 Park Road, Worsley	Thursday 10.0 a.m. to 12 noon Thursday 2.0 p.m. to 4 p.m.
	Haysbrook Avenue, Little Hulton	Tuesday 2.0 p.m. to 4.0 p.m. Friday 9.30 a.m. to 11.30 a.m.
	The Institute, Vicars Hall Lane, Boothstown	Tuesday 9.30 a.m. to 11.30 a.m.
	The Court House, Worsley	Monday 2.0 p.m. to 4.0 p.m.
	The Community Centre, Wardley	Monday 2.0 p.m. to 4.0 p.m.
<u>Day Nurseries</u>	Magnall's Fold, Walkden	Monday to Friday 7.30 a.m. to 6.0 p.m.
	District Centre, Little Hulton	Monday to Friday 7.30 a.m. to 6.0 p.m.
<u>Dental</u>	51 Park Road, Worsley	By appointment
	Haysbrook Avenue, Little Hulton	Thursday 9.30 a.m. to 11.30 a.m.
<u>Immunisation</u>	51 Park Road, Worsley	By appointment
	Haysbrook Avenue, Little Hulton	By appointment
<u>Minor Ailments</u>	51 Park Road, Worsley	School Medical Officer in attendance Friday 9.0 a.m. to 11.30 a.m.
	Haysbrook Avenue, Little Hulton	School Medical Officer in attendance Monday 9.30 a.m. to 11.0 a.m.
<u>Optthalmic</u>	51 Park Road, Worsley	Cases referred by School Medical Officer
<u>Orthopaedic</u>	Partington Lane, Swinton	Cases referred by School Medical Officer
<u>Orthoptic</u>	Corporation Road Clinic, Eccles	Cases referred by School Medical Officer
<u>Relaxation</u>	51 Park Road, Walkden	Cases referred from Ante Natal Clinic
	Haysbrook Avenue, Little Hulton	Cases referred from Ante Natal Clinic
<u>Speech Therapy</u>	Partington Lane, Swinton	Cases referred by School Medical Officer
<u>Cancer Smear Test</u>	51 Park Road, Worsley	By appointment
	Haysbrook Avenue, Little Hulton	By appointment

Midwifery

The following are the names and addresses of the midwives practising in Worsley as at the date of writing:

	<u>Telephone No.</u>
Mrs. V. A. Atkinson, 47 Normanby Road, Worsley	790 3125
Mrs. M. Reddy, 95 Crescent Drive, Little Hulton	790 7610
Mrs. D. Tirant, 22 Belcroft Drive, Little Hulton	790 5004
Mrs. I. Manning, 3a Mill Hill, Little Hulton	790 5066
Mrs. P. Wheeldon, 23 Gloucester Road, Pendleton	736 4940

Health Visitors

The services of the following health visitors are available to Worsley as at the date of writing:

	<u>Telephone No.</u>
Mrs. M. MacRae, 51 Park Road, Worsley	790 2230
Mrs. B. Copley, 51 Park Road, Worsley	790 2230
Miss A. Whaite, 51 Park Road, Worsley	790 2230
Mrs. V. Wildig, 51 Park Road, Worsley	790 2230
Mrs. B. Hodgson, Haysbrook Avenue, Little Hulton	790 4283
Mrs. J. Holker, Haysbrook Avenue, Little Hulton	790 4283
Mrs. J. Jordan, Haysbrook Avenue, Little Hulton (part time)	790 4283
Miss K. Jones, Haysbrook Avenue, Little Hulton	790 4283

Home Nurses

The Home Nurses normally work under the direction of the family doctor. The names and addresses and telephone numbers of these nurses are:

	<u>Telephone No.</u>
Mrs. P. M. Calderly, 4 Armitage Avenue, Little Hulton	790 4644
Mrs. K. Clare, 19 Warwick Road, Worsley	790 2249
Mrs. M. Hughes, 62 Georgiana Street, Farnworth	37 72807
Mrs. L. Shepherd, 67 Westminster Road, Walkden	790 7923
Mrs. E. V. Whitehead, 33 Winchester Road, Eccles	789 1324
Miss J. Hopton, 9 Eastmeade, Swinton	794 5210

Ambulance Service

In an emergency anyone may call an ambulance, by going to the nearest telephone and dialling 999

In non-urgent cases request for ambulance transport can only be made by a doctor, midwife, responsible hospital official or dentist.
(Telephone 794 4343).

Chiropody Service

This service is provided on behalf of the County Council (in so far as aged persons are concerned) by the Worsley Aged Persons Welfare Committee, and applications should be made to the Honorary Secretary, Treasurer's Department, Town Hall, Worsley. A service for handicapped persons, expectant mothers and house bound cases is provided directly by the County Council and application should be made to the Divisional Medical Officer.

Home Help Service

Applications for domestic assistance for a household where such help is required owing to the presence of any person who is incapacitated by age, infirmity or illness or in cases where the mother is to be confined should be made to the Divisional Medical Officer.

Centre for Handicapped Persons

A social centre for handicapped persons is held on Monday and Thursday afternoons at the Community Centre, Little Hulton; the domiciliary occupational therapist, who also visits handicapped persons in their homes, is in attendance.

III Services provided by the Lancashire Executive Council

Enquiries regarding these services should be addressed to the Secretary, Lancashire Executive Council, 42 West Cliff, Preston. Lists showing the names of family doctors, dentists, pharmacists and opticians, who are under contract with the Council can be seen at any Post Office or Public Library.

IV Public Baths

At the Public Baths, Bridgewater Road, Walkden there is a swimming bath, six slipper baths and various medicinal baths.

V Services provided by Voluntary Organisations

Organisations which help in meeting particular needs in the district are:

British Red Cross Society:

Divisional Secretary,
Miss A. Wood,
1 Holly Avenue,
Walkden.

Cripples Help Society:

5 Cross Street,
Manchester, 2.

Family Planning Association:
Little Hulton Branch

Honorary Secretary,
Mrs. B. Smith,
The Manse,
Hilton Lane,
Little Hulton.

Eccles and District Branch

Honorary Secretary,
Mrs. M. Addis,
10 Chatsworth Road,
Eccles.

Bolton Branch

Civic Centre,
Bolton.

Leigh and District Branch

Child Welfare Clinic,
College Street,
Leigh.

Farnworth Branch

Child Welfare Clinic,
Albert Road,
Farnworth.

Manchester and Salford Blind
Aid Society:

74 Gt. Bridgewater Street,
Manchester, 1.

Worsley Aged Persons Welfare
Committee:

Honorary Secretary,
Treasurer's Department,
Town Hall,
Worsley.

ACTS ADOPTED BY THE COUNCIL OR DECLARED TO BE IN FORCE BY ORDER

Public Health Acts (Amendment Act, 1890 - Parts II, III, IV and V)

Highways Act 1959 (Code of 1892)

Public Libraries Act, 1892 adopted 28th February, 1896

Public Libraries (Amendment) Act, 1893 adopted 28th February, 1896

Public Health Acts (Amendment) Act, 1907, Part II, Part VI,
Section 81 of Part VII, Section 87 (modified), Section 88 and
Section 90 of Part VIII and Section 95 of Part X.

Small Dwellings Acquisition Acts, 1899 - 1923 adopted 9th March, 1925

Public Health Act, 1925 Part II

Little Hulton Urban District Council Act, 1910

LOCAL ACTS AND ORDERS

Little Hulton Gas Order, 1930 (19th December, 1930)

Swinton and Worsley Burial Board Act, 1954

Lancashire County Council (General Powers) Acts 1951 and 1968

BYELAWS AND REGULATIONS IN FORCE IN THE DISTRICT

Food Handling Byelaws 1950

Building Regulations 1st February, 1966

Lancashire County Council Byelaws for Good Rule and Government
and Prevention of Nuisances.

Lancashire County Council Byelaws for Libraries, 1956

Byelaws with respect to Nuisances, 1957

Slaughterhouse Byelaws, 1957

Hackney Carriage Byelaws, 1966

ANNUAL REPORT
of the
CHIEF PUBLIC HEALTH INSPECTOR
for the year 1970

TO THE CHAIRMAN AND MEMBERS OF THE WORSLEY URBAN DISTRICT COUNCIL

Mr. Chairman, Ladies and Gentlemen,

In presenting my Annual Report I feel it would not be inappropriate to make reference to the fact that the year 1970 was European Conservation Year. During this year attention has been directed to the many ways in which man pollutes his environment. Most of our north western industrial areas bear evidence of such pollution; e.g. unsightly industrial waste heaps, polluted streams and rivers, soot laden atmosphere, and derelict and slum areas.

A local authority has a dual responsibility in the struggle to preserve or improve the environment of its citizens.

In the first place it has an obligation to ensure that its own operations i.e. sewage disposal, refuse disposal, etc., do not create pollution. Secondly it must through its officers keep a watchful eye on others to ensure that the laws which control many forms of pollution are observed.

Your public health officers also have a dual responsibility in as much as the department is charged with the management of the refuse collection and disposal service and also that, as statutory officers your public health officers are responsible for the detection of nuisances and pollution within the district.

In the field of refuse disposal, I believe it can truly be said that no undue nuisance was caused during the year, but the tipping of crude refuse and covering with what on occasions is an inadequate layer of soil or material tends to be somewhat of an eyesore. If refuse must be disposed of by tipping, and there is still a need for this form of disposal where land is to be re-claimed then, in my opinion, some form of pre-treatment such as pulverisation should be applied before depositing refuse onto land.

With the reform of local government so near at hand the time, perhaps is not opportune to consider this improved method of disposal.

It is regrettable that during European Conservation Year two factors should arise which adversely affected the environment, not only of Worsley, but of many other parts of the country also. I refer to the shortage of solid smokeless fuels which resulted in the suspension of a large number of smoke control orders, and the industrial dispute during which a large number of manual workers withdrew their labour.

In many districts crude sewage had to be discharged into rivers and Worsley can consider itself fortunate that this action was not necessary, but the accumulation of three weeks house and trade refuse could not be avoided, although nuisance was minimised by making polythene sacks available at various points throughout the district. Whatever else emerged from the dispute there is no doubt that there is now a greater awareness by the general public of the important part local authorities and their employees play in maintaining a healthy environment.

It is sometimes discouraging to public health officers to have to deal with problems which, at the design stage, could have been avoided. In many commercial premises either inadequate or shared provision is made for the storage of refuse and often refuse has to be stored in places to which the general public have access. This is in evidence in the Walkden shopping precinct. In contrast the Council shopping development at the District Centre, Little Hulton, incorporates private yards which are not accessible to the public and this not only prevents unauthorised disturbance of stored refuse but tends to encourage occupiers of shops to keep their own premises tidy.

Routine inspections of various types of premises were carried out during the year details of which can be found in the tables at the end of this report.

Mrs. Nuttall, Senior Clerk/Typist left in the middle of the year, and Mrs. Thorpe who was already on the staff, was promoted to fill the position. Whilst this provided a degree of continuity there was inevitably some disruption of the clerical duties, which now form such an important part in the smooth working of the department.

Once again I have to express my thanks to the Chairman and Members of the Public Health Committee, Dr. Elwood and the staff of the department for their support during the year.

I am, Ladies and Gentlemen,

Yours faithfully,

F. Haworth

Chief Public Health Inspector

HOUSING

General

The Council owned 4051 dwellings at the end of the year, and this is equal to forty-eight per cent of all dwellings in the district. Over ninety per cent of privately owned houses are occupied by their owners. Every encouragement is given to owners to improve their houses by means of a grant if the expected life of the house exceeds fifteen years.

There are many houses in the district which, although not totally unfit for habitation and capable of being dealt with by means of clearance areas, would have their lives extended if dealt with in comprehensive improvement areas. A survey is being undertaken to assess the feasibility of such a scheme.

There is no general shortage of housing accommodation and the Council are confining their building activities to aged person accommodation, which together with vacancies occurring in existing Council estates are sufficient to meet the re-housing needs of the district. There were two hundred and seventy-five lodger families on the housing list at the end of the year, nearly all of which were of short duration and had not served the requisite qualifying period. It is interesting to note that twenty-eight per cent of these families were under twenty-one years of age.

Slum Clearance (Table XIII)

Sixty-nine houses were represented by your Medical Officer of Health as being unfit for human habitation, details of which are given in table XIII.

Nine houses were demolished and seventy-seven persons were rehoused.

Owner/occupiers are spending considerable sums of money on houses which would have been included in the Council's slum clearance programmes during the next ten to fifteen years and it may well be necessary to turn our attention to the preservation of these houses rather than adopt a policy of wholesale demolition.

Housing Repairs

Seventy-one houses were rendered fit for habitation after the service of informal notices under the Housing and Public Health Acts.

Rent Acts 1957 and 1965 (Certificates of Disrepair)

There were no applications for certificates of disrepair, neither were there any cancellations of certificates.

The Rent Officer is Mr. W. Hargreaves, 116a Church Street, Eccles.

Housing Act 1969 (Qualification Certificates)

Sixteen applications for qualification certificates were received. These certificates are only issued in respect of houses already provided with basic amenities, i.e. bath, wash hand basin, sink, hot water supply and W. C., and their purpose is to enable owners of such houses to apply to the Rent Officer to fix a fair rent.

Improvement Grants

(a) Discretionary Grants

Fifty-seven applications for grants were made, forty-six of which were in respect of owner/occupied premises.

(b) Standard Grants

Nine applications for the full standard grant were made and four for a reduced standard grant.

INSPECTION AND SUPERVISION OF FOOD

Inspection of Meat and Other Foods (Tables XV and XVI)

One private slaughterhouse was licensed during the whole of the year and all slaughtering took place at this establishment.

The licence for a second slaughterhouse expired on the 8th April, 1971 and was not renewed.

Ninety-two bovines, one hundred and sixty-five sheep and seventy-one pigs were inspected after slaughter.

The total weight of carcase meat and organs condemned amounted to 1 cwt. 2 qtrs. 5 lbs.

Food condemned, other than meat at slaughterhouses, is shown in table XVI.

Sampling of Food and Drugs (Table XVII)

Mr. G. S. Meadows resigned the appointment of Public Analyst to the Council in February and Mr. G. H. Baker, of Melling and Ardern Limited, Salford, was appointed in his place.

Eighty-four samples of foods and drugs, including complaint articles, were submitted for analysis. The following samples were found to be adulterated or otherwise unsatisfactory.

<u>Article</u>	<u>Nature of Adulteration or Irregularity</u>	<u>Observations</u>
Meat and Potato Pie	Blackish brown substance which proved to be potato skin.	Warning letter sent
Meat and Potato Pie	Earwig in filling	Analyst states that in his opinion insect was not present in pie when baked. No further action.
Sausage	Piece of paper embedded in substance	Warning letter sent
Corned beef	Blackish mass which proved to be gelatine with some iron	Warning letter sent
Chopped ham in sausage shaped casing.	Sample had a meat content of 70%. Described as "chopped ham" together with list of ingredients. Should have meat content of 95% or described as "chopped ham sausage".	Warning letter sent
Slices of bread	Peculiar odour due to incipient "rope"	Warning letter sent
Trifle	Small piece of metal, essentially zinc	Warning letter sent
Tonic water	Mould growth	Manufacturers notified
Sherbet bar	Fragment of wasp embedded in contents	Warning letter sent

Food Complaints

Thirty-eight complaints regarding the quality of foods were received which is three more than in 1969. The nature of these complaints is indicated below.

Foreign matter in food or drink	15
Insects in food or drink	4
Mouldy foods	5
Unusual taste or odour	5
Dirty food containers	2

Foods involved were flour confectionery (11), tinned foods (8), milk (4), tablewaters (3), sugar (2), meat and potato pies (2), sausages (1), cheese (1), bacon (1), trifle (1), frozen fish (1), sweets (1).

Legal proceedings were instituted in the case of a bottle of milk containing foreign matter and a fine of £20 was imposed. Other cases were dealt with by informal action.

Food Premises

Generally speaking the standard of hygiene in most food premises is satisfactory. Defects in premises or other contraventions of the Food Hygiene Regulations are quickly remedied when they are brought to the attention of the occupier of the premises. Stock rotation is essential to ensure that only fresh goods are sold and the absence of, or ignorance of manufacturers codes makes it difficult for the retailer.

Milk Supply

The proportion of heat treated milk consumed in the district far outstrips that of raw milk. Only seven dealers were licensed to sell untreated milk compared with thirty-five licences issued to dealers to sell pasteurised milk, seventy-one for sterilised and thirty-four for ultra heat treated milk. All milk is heat treated outside the district.

Samples of untreated milk taken from a local supplier indicated the presence of brucella organisms. A total of one hundred and six samples of milk were taken direct from the cows which resulted in the identification of the affected cows. Notices prohibiting the sale of untreated milk were served on the occupier of the farm and the affected animals were subsequently removed from the herd.

Ice Cream

No contraventions of the Ice Cream (Heat Treatment) Regulations, 1959 were discovered.

Routine inspections of premises where ice cream was manufactured and sold were carried out. Most of the ice cream offered on sale in the district is supplied by large and nationally known manufacturers.

Other Bacteriological Samples

Five samples of the public water supplies and one sample from a private supply all proved satisfactory.

ATMOSPHERIC POLLUTION

Investigation of Atmospheric Pollution (Table XX)

The Council are represented on the Manchester and District Clean Air Council and the National Society for Clean Air.

The Council also appoint representatives to the South East Lancashire Consultative Committee for the Investigation of Atmospheric Pollution. Meetings of this Committee and also of the Technical Sub-Committee which consists of officers only, are held regularly, and these have done much to co-ordinate and ensure uniformity of procedure in the areas of the twenty-nine member authorities.

The Committee is responsible for the provision of apparatus for determining the degree of pollution.

Three instruments for the measurement of pollution are maintained in the district and the results from these (Table XX) are forwarded to the Warren Spring Laboratory of the Ministry of Technology.

The trend in pollution over the past seven years can be seen from the following table.

	S I T E					
	12 Bridgewater Road		Hulton County School		Bridgewater School	
	(a)	(b)	(a)	(b)	(a)	(b)
1964	*169	220	185	199	ø132	ø129
1965	169	228	169	192	156	175
1966	129	222	117	/198	*106	*135
1967	138	191	124	226	*119	*123
1968	113	178	116	161	90	135
1969	96	*163	97	129	ø 88	ø172
1970	*106	*149	ø107	ø148	ø 70	ø143

(a) = Smoke (conc. Mg/100m³)

(b) = S.O₂ (conc. Mg/100m³)

* = Average 11 months only

ø = Average 10 months only

/ = Average 5 months only.

Smoke Control

At the end of the year all confirmed smoke control orders were in a state of temporary suspension. This was due to the national shortage of solid smokeless fuels. The orders became effective again from the 1st May, 1971.

The number of dwellings included in smoke control orders remained at 8,505, the same as for the previous year.

Industrial Atmospheric Pollution

Emissions of dark or black smoke from industrial chimneys occurs only on rare occasions and this is due to the improved boiler plant now used in industrial premises. There is little point in carrying out lengthy observations but each district inspector keeps a vigilant eye on the chimneys within his district and any offender is soon noticed.

Installation of ten new furnaces were notified to the department and in eight cases prior approval of installations was requested. In addition four applications to determine the height of new chimneys were dealt with.

GENERAL SANITATION

Water Supply

All houses in the district, with the exception of the farm cottage at Rawsons ith' Nock are connected to the towns supply. Five samples of water taken from both the public supply and one from the private supply were found satisfactory.

Drainage and Sewerage

The drainage and sewerage system of the district is partly on the combined and partly on the dual system, and except for the isolated farms, covers the whole of the district.

The sewage works at The Sycamores, Little Hulton, received sewage from the whole of the Little Hulton area with the exception of the Worsley Road North district, which is served by the Ringley Works of the Bolton and District Joint Sewage Board.

Sewage from the remainder of the district is conveyed by trunk sewer to the Eccles Corporation Sewage Works for treatment.

Public Conveniences

There are five public conveniences in the area, namely:

High Street, Walkden	Males - 4 W.C.s, 9 urinal stalls. Females - 5 W.C.s Wash and brush-up facilities in each.
Manchester Road West, Little Hulton	Males - 1 W.C., 4 urinal stalls. Females - 2 W. C.s.
Worsley Road North, Little Hulton.	Males - 1 W. C., 3 urinal stalls. Females - 1 W. C.
Barton Road, Worsley	Males - 3 W. C.s, 5 urinal stalls. Females - 3 W. C.s.
Simpson Road, Boothstown.	Males - 1 W.C., 3 urinal stalls. Females - 3 W. C.s.

The town centre conveniences adjoining the Pembroke Halls are open from 8.00 a.m. to 11.00 p.m. The reduced hours of attendance have not had a seriously detrimental effect upon the condition of the toilets.

The remaining conveniences are open continuously and are not attended. Consequently they suffer from varying degrees of vandalism.

Noise Abatement Act, 1960

Ten complaints of alleged noise nuisances were investigated. Four related to a particular engineering works; three concerned other manufacturing premises; one involved a place of entertainment; one resulted from emergency piling and shoring of the Bridgewater Canal banks; and one complaint which was not substantiated involved adjoining flat dwellers.

In no case was statutory action necessary to secure abatement of the nuisances.

Pest Control

The Council employ one full time operative who carried out treatment for rodent and insect infestations. A free service is provided for householders whilst treatments at business premises are chargeable. Owners of land and premises are requested to carry out any measures considered necessary to prevent infestation of these pests.

C O R R I G E N D U M

Page 29 - Pest Control

For lines four and five in
second paragraph substitute:

"Warfarin bait is used mainly
for rats and alphachloralose is
employed for mice."

Pest Control (cont.)

Full details of the treatments carried out for rodent infestations are given in table XXII.

Three hundred and twenty-three treatments were carried out for rats compared with three hundred and one last year and one hundred and eighty-five treatments for mice compared with one hundred and seventy-eight. Warfarin bait is used mainly for rats and a fluoracetamide bait is employed for mice. Good results are obtained by both.

The Council's sewers, which are not heavily infested with rats were treated on two occasions during the year.

Two hundred and twenty-two treatments for insect pests were carried ninety-two of which involved wasps nests.

tories and Shops (Table XXI)

(a) Factories Act, 1961

Fifty-five inspections of factories and building sites were carried out, revealing twelve defects concerning the insufficiency of or unsuitability of sanitary accommodation.

(b) Offices, Shops and Railway Premises Act, 1963

Three hundred and forty-nine premises were registered at the end of the year which is an increase of thirty-five over the previous year. Ninety inspections were made revealing a number of minor infringements of the Act which in the main were quickly remedied after bringing them to the notice of the occupiers of the premises. Details of contraventions are shown in table XXI. None of these contraventions were considered to warrant legal proceedings.

There were seven accidents reported which is five less than last year. None of these accidents were of a serious nature and all were the result of negligence of the employees.

The following table gives details of these accidents.

Premises	Nature of Injury	Cause of Accident	Action requested
Confectioner's shop	Bruised hip	Struck counter with hip	None
Public house	Bruised hand	Fell down step ladder	None

Table of accidents (cont.)

Premises	Nature of Injury	Cause of Accident	Action requested
Kiosk in supermarket	Fractured left rib	Overbalanced whilst on a stool	None
Mail order firm	Badly bruised back	Chair accidentally knocked from underneath worker	None
Mail order firm	Bruised right wrist	Tripped over length of string which joiners were using	None
Mail order firm	Swelling and bruising to left ankle	Slipped downstairs	None
Mail order firm	Fractured left wrist	Slipped on wet floor of toilets	None

Shops Act, 1950

No legal proceedings were instituted in respect of opening hours of shops.

Animal Welfare Acts

The department is responsible for the administration of the following:

1. Pet Animals Act, 1951

Five licences to keep pet shops were issued. No contraventions of the Act were observed.

2. Animal Boarding Establishments Act, 1963

Two licences to keep an animal boarding establishment were issued.

3. The Riding Establishments Acts 1964 and 1970

There were no licensed riding establishments during the year.

Petroleum (Regulations) Acts 1928 and 1936

The following licences to store petroleum spirit/petroleum mixture were issued during the year:

Not exceeding 100 gallons petroleum spirit	- 7
Exceeding 100 gallons but not exceeding 500 gallons	- 10
Exceeding 500 gallons but not exceeding 1,000 gallons	- 7
Exceeding 1,000 gallons but not exceeding 5,000 gallons	- 14
Exceeding 5,000 gallons	- 11

One licence to store Carbide of Calcium was issued.

Diseases of Animals (Waste Food) Order, 1951

This order prohibits the feeding of unboiled waste foods to animals and poultry and requires boiling plants to be licensed.

Four such plants are licensed.

REFUSE COLLECTION AND DISPOSAL

Refuse Collection

Whilst not attempting to analyse the cause, there is no doubt that in certain public services and also in private trading, there has been a diminution in the standard of service provided. In the public sector one can point to the reduction in postal deliveries and transport services, and in the private sector the general public are expected to do more and more for themselves, e.g. self service stores and petrol stations.

The collection of refuse is a service which must not lower its standard nor are the public likely to allow it. Nevertheless the problems of administering the service are becoming more difficult. There is a growing awareness by the men employed in the service, of the value of the job they do, and through their trade unions they are claiming what they consider to be their just reward. This was exemplified by "the dirty jobs strike" which occurred towards the end of the year and during which the Council's refuse collectors were absent from work for a period of three weeks.

In addition, the workmen are being subjected to work study and are being asked to perform measured tasks. Once the task has been agreed upon there is a natural reluctance on their part to exceed that task. Consequently there is little "give and take" as there used to be.

The Council's refuse collection workmen have never shown any great enthusiasm for cash incentive bonus schemes, and it was something of an achievement to get their agreement for the Head of Work Study to prepare such a scheme. A study was carried out during the year but at the time of writing, after protracted negotiations, the scheme had not been accepted.

To assist in the administration of the service a foreman was appointed to assist the supervisor.

During the year additional premises, such as schools, clubs, etc. were provided with $1\frac{1}{4}$ cubic yard bulk refuse containers in place of a multiplicity of $2\frac{1}{2}$ cubic feet dustbins. The number in use at the end of the year was sixty-eight. These are rented to occupiers and if used for trade purposes a charge is made for each collection.

A special collection service was provided for the larger type of household effects, e.g. the old chair, sideboard, cooker, etc. and this was well used. In spite of this a considerable quantity of rubbish was deposited on open land which had to be gathered together before removal to the tip.

In addition the Council have an arrangement with a local scrap merchant for the collection of old motor vehicles from the district. Thirty-four cars were disposed of during the year.

Refuse Disposal

All refuse was disposed of by controlled tipping on Booths Hall Tip, Boothstown. A drott skid shovel and a tractor with trailer are employed for this purpose.

VITAL STATISTICS OF WHOLE DISTRICT FOR 1970 AND PREVIOUS FIVE YEARS

YEAR	Population middle of each year	Live Births		Deaths (all causes)		Still Births		Maternal Mortality		Infant Mortality			
		No. Regis- tered	Rate per 1000 pop'n	No. Regis- tered	Rate per 1000 pop'n	No. Regis- tered	Rate per 1000 total births	No. of Deaths Regis- tered	Rate per 1000 total births	TOTAL		Neonatal	
										No. of Deaths Regis- tered	Rate per 1000 live births	No. of Deaths Regis- tered	Rate per 1000 live births
1970	49,770	794	*16.0	556	*11.2	19	23.0	-	-	21	26.0	12	15.0
1969	49,700	787	15.8	525	10.6	16	20.0	Nil	Nil	7	9.0	6	8.0
1968	49,260	832	16.9	532	10.8	10	12.0	1	1.2	17	20.0	15	18.0
1967	48,500	862	17.7	468	9.6	19	22.0	Nil	Nil	15	17.0	8	9.0
1966	47,800	785	16.4	545	11.4	17	21.2	Nil	Nil	22	28.0	15	19.1
1965	45,830	806	17.6	484	10.6	7	8.6	Nil	Nil	13	16.1	10	12.4
Average for Five years 1965-1969		-	16.9	-	10.6	-	16.8	-	0.2	-	18.0	-	13.3
England and Wales 1970		-	16.0	-	11.7	-	13.0	-	0.18	-	18.0	-	12.0

* Adjusted: Live birth rate (comparability factor 1.16) =
18.6 per 1,000

Death rate (comparability factor 1.42) =
15.9 per 1,000

T A B L E I I

BIRTH RATE, DEATH RATE AND INFANTILE MORTALITY

Single Years and Average Rates for Five Year Periods

YEAR	Population mid-year estimate	Live Births		Deaths		Infant Deaths	
		No.	Rate	No.	Rate	No.	Rate
1935-1939	-	-	14.0	-	12.4	-	56.0
1940-1944	-	-	17.1	-	12.9	-	45.2
1945-1949	-	-	17.3	-	12.5	-	39.6
1950	27,220	365	13.4	336	12.3	9	25.0
1951	27,350	394	14.4	413	15.1	7	18.0
1952	27,900	374	13.4	341	12.2	12	32.0
1953	28,800	417	14.4	285	9.9	8	19.0
1954	30,590	456	14.9	359	11.7	9	20.0
1950-1954	-	-	14.1	-	12.2	-	22.8
1955	31,720	458	14.4	346	10.9	11	24.0
1956	33,050	600	18.2	359	10.9	14	23.0
1957	34,750	597	17.2	386	11.1	13	22.0
1958	36,500	644	17.6	359	9.8	12	18.6
1959	37,620	630	16.7	370	9.8	10	15.9
1955-1959	-	-	16.8	-	10.5	-	20.7
1960	38,280	668	17.5	392	10.2	21	31.4
1961	40,400	679	16.8	414	10.2	19	28.0
1962	41,820	688	16.5	479	11.5	13	18.9
1963	43,040	719	16.7	470	10.9	7	9.7
1964	44,060	744	16.9	435	9.9	16	21.5
1960-1964	-	-	16.8	-	10.5	-	21.9
1965	45,830	806	17.6	484	10.6	13	16.1
1966	47,800	785	16.4	545	11.4	22	28.0
1967	48,500	862	17.7	468	9.6	15	17.0
1968	49,260	832	16.9	532	10.8	17	20.0
1969	49,700	787	15.8	525	10.6	7	9.0
1965-1969	-	-	16.9	-	10.6	-	18.0
1970	49,770	794	16.0	556	11.2	21	26.0

T A B L E I V

AGE DISTRIBUTION OF DEATHS 1960 - 1970

Number of Deaths in Single Years

Percentage distribution in five year periods

YEAR	Age at death (years)							
	Under 1	1 - 4	5 - 14	15 - 24	25 - 44	45 - 64	65+	Total
Percentage Distribution 1955 - 1959	3.2	0.7	0.4	0.7	5.7	26.2	63.0	100%
1960	21	2	2	7	18	98	243	392
1961	19	-	3	2	13	115	262	414
1962	13	4	3	8	30	109	312	479
1963	7	4	4	1	19	126	309	470
1964	16	3	7	3	26	110	270	435
Percentage Distribution 1960 - 1964	3.6	0.6	0.8	1.0	4.8	25.6	63.6	100%
1965	13	4	3	8	18	143	295	484
1966	22	3	1	8	22	138	351	545
1967	15	5	2	2	18	154	292	468
1968	17	2	1	7	26	142	337	532
1969	7	1	5	3	27	149	333	525
Percentage Distribution 1965 - 1969	2.9	0.6	0.5	1.1	4.3	27.6	63.0	100%
1970	21	3	5	5	12	152	358	556

T A B L E V

Number of Cases of Infectious Diseases Notified

	TOTAL CASES	Under 1	1+	2+	3+	4+	5-9	10-14	15-19	20-34	35-44	45-64	65+
Scarlet Fever	35	1	-	1	3	6	19	3	2	-	-	-	-
Whooping Cough	56	6	5	21	23	-	1	-	-	-	-	-	-
Measles	624	44	75	94	79	98	222	11	-	-	1	-	-
Dysentery*	63	2	1	4	12	14	19	3	-	5	3	-	-
Relapsing Fever	-	-	-	-	-	-	-	-	-	-	-	-	-
Poliomyelitis (Paralytic)	-	-	-	-	-	-	-	-	-	-	-	-	-
Poliomyelitis (Non-Paralytic)	-	-	-	-	-	-	-	-	-	-	-	-	-
Food Poisoning*	15	2	1	2	-	2	2	1	1	2	1	1	-
Paratyphoid	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis Respiratory	1	-	-	-	-	-	-	-	-	-	-	-	1
Tuberculosis Non-Respiratory	-	-	-	-	-	-	-	-	-	-	-	-	-
Optthalmia Neonatorum	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria	-	-	-	-	-	-	-	-	-	-	-	-	-
Infective Hepatitis	61	-	-	-	1	1	27	11	3	10	3	4	1
Acute Meningitis	1	-	-	-	-	-	-	-	-	1	-	-	-
TOTAL	856	55	82	122	118	121	290	29	6	18	8	5	2

* Confirmed Cases

NOTIFIABLE DISEASES (contd.)

Showing the geographical distribution of the cases, the number of cases removed to hospital and deaths from these diseases during 1970

	St. Mary's	Limyshaw	Walkden Central	Worsley	Park	Armitage	Kenyon	Mount Skip	Peel	Cases Removed to Hospital	Total Deaths
Scarlet Fever	4	6	5	2	4	6	4	3	1	-	-
Whooping Cough	12	6	1	2	9	11	6	8	1	-	-
Measles	19	78	59	65	53	92	73	93	92	-	-
Dysentery	-	2	5	27	5	4	3	7	10	-	-
Poliomyelitis (Paralytic)	-	-	-	-	-	-	-	-	-	-	-
Poliomyelitis (Non-Paralytic)	-	-	-	-	-	-	-	-	-	-	-
Food Poisoning	2	8	1	-	-	1	1	1	1	-	-
Paratyphoid Fever	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis Respiratory	-	1	-	-	-	-	-	-	-	1	-
Tuberculosis Non-Respiratory	-	-	-	-	-	-	-	-	-	-	-
Ophthalmia	-	-	-	-	-	-	-	-	-	-	-
Neonatorum	-	-	-	-	-	-	-	-	-	-	-
Malaria	-	-	-	-	-	-	-	-	-	-	-
Relapsing Fever	-	-	-	-	-	-	-	-	-	-	-
Infective Hepatitis	6	6	1	7	-	8	4	15	14	-	-
Acute Meningitis	-	-	-	-	-	1	-	-	-	-	-
TOTAL	43	107	72	103	71	123	91	127	119	1	-

T A B L E V I

INFECTIOUS DISEASES

ANNUAL NOTIFICATIONS 1950 - 1970

YEAR	Smallpox	Diphtheria	Scarlet Fever	Puerperal Pyrexia ∅	Erysipelas ∅	Pneumonia ∅	Whooping Cough	Measles	Poliomyelitis Paralytic	Poliomyelitis Non-Paralytic	Dysentery	Typhoid and Paratyphoid Enteric Fever	Food Poisoning	Ophthalmia Neonatorum	Respiratory Tuberculosis	Non-Respiratory Tuberculosis	Acute Meningitis	Viral Encephalitis	Infective Jaundice *	Others
1950	1	-	47	-	3	4	30	115	-	-	8	-	3	-	11	4	-	-	-	-
1951	-	1	96	1	3	10	149	516	2	-	6	-	-	-	37	5	1	-	-	-
1952	-	-	58	-	5	10	38	175	1	-	3	-	-	-	28	4	-	-	-	-
1953	-	-	98	-	1	12	58	298	3	-	7	-	4	-	31	4	-	-	-	-
1954	-	2	48	1	2	29	69	282	-	-	26	-	2	-	28	3	2	-	-	-
1955	-	-	40	1	2	22	30	310	1	-	77	-	20	-	10	3	1	-	-	-
1956	-	-	19	-	3	28	58	81	7	3	292	-	15	-	26	3	5	-	-	-
1957	-	-	25	-	1	58	21	635	4	1	62	-	9	2	14	3	2	-	-	-
1958	-	-	39	-	3	65	70	635	2	-	35	5	6	-	13	1	-	-	-	1
1959	-	-	46	-	4	55	57	671	-	-	155	3	4	-	13	1	1	-	-	1
1960	-	-	57	1	4	25	64	199	1	-	502	-	43	-	21	1	1	-	-	2
1961	-	-	35	-	1	19	19	675	2	-	119	1	53	-	15	3	-	-	-	-
1962	-	-	7	-	-	16	3	124	-	-	53	-	1	-	17	1	-	-	-	-
1963	-	-	5	-	2	6	39	862	-	-	9	-	18	-	10	1	-	-	-	-
1964	-	-	8	3	1	3	34	331	-	-	92	-	2	-	6	-	-	-	-	-
1965	-	-	32	2	1	2	12	232	-	-	32	3	3	-	7	1	-	-	-	-
1966	-	-	13	1	2	1	5	257	-	-	24	-	3	-	8	1	-	-	-	-
1967	-	-	14	-	1	-	35	232	-	-	77	-	26	-	10	4	-	-	-	-
1968	-	-	16	1	3	1	3	299	-	-	9	-	20	-	2	2	-	1	23	-
1969	-	-	137	-	-	-	12	82	-	-	33	-	61	1	7	1	-	-	41	-
1970	-	-	35	-	-	-	56	624	-	-	63	-	15	-	1	-	1	-	61	-

* Infective Jaundice was made notifiable with effect from 15th June, 1968 by the Public Health (Infective Jaundice) Regulations, 1968, which were subsequently revoked and superseded by the Public Health (Infectious Diseases) Regulations, 1968.

∅ Ceased to be notifiable as from the 1st November, 1968.

T A B L E V I I

TUBERCULOSIS - NEW CASES AND DEATHS 1970

	NEW CASES*				DEATHS			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
0 - 4	-	-	-	-	-	-	-	-
5 - 14	-	-	-	-	-	-	-	-
15 - 24	-	-	-	-	-	-	-	-
25 - 44	-	-	-	-	-	-	-	-
45 - 64	-	-	-	-	-	-	-	-
65 and upwards	1	-	-	-	-	-	-	-
Age unknown	-	-	-	-	-	-	-	-
	1	-	-	-	-	-	-	-
	1		-		-		-	
	1		-		-		-	
	1				-			
Rates per 1,000 population	0.020		-		-		-	
	0.020				-			
England and Wales Rates per 1,000 population	0.194		0.05		0.019		0.014	
	0.244				0.033			

* New Cases include all primary notifications and any other NEW cases coming to the knowledge of the Medical Officer of Health during the year, but do not include INWARD TRANSFERS.

T A B L E V I I I

TUBERCULOSIS

Number of cases on Register as at 31st December, 1970

	Respiratory	Non-Respiratory	Total
Males	47	7	54
Females	24	12	36
TOTALS at 31.12.70	71	19	90
TOTALS at 31.12.69	70	19	89

T A B L E I X

TUBERCULOSIS

Incidence and Death Rates Annually 1951 - 1970

	INCIDENCE			DEATHS		
	Case rate per 1,000			Death rate per 1,000		
	Resp.	Non-Resp.	Total	Resp.	Non-Resp.	Total
1951*	1.35	.18	1.54	.22	.04	.26
1952*	1.00	.14	1.14	.18	-	.18
1953*	1.07	.14	1.21	.17	-	.17
1954	.92	.09	1.01	.13	-	.13
1955	.32	.09	.41	.19	-	.19
1956	.79	.09	.88	.09	-	.09
1957	.40	.09	.49	.12	-	.12
1958	.36	.03	.39	.14	-	.14
1959	.34	.03	.37	.13	-	.13
1960	.35	.03	.38	.05	-	.05
1961	.37	.07	.44	.03	-	.03
1962	.40	.02	.42	.11	-	.11
1963	.18	.02	.20	.04	-	.04
1964	.13	-	.13	.09	.02	.11
1965	.15	.02	.17	.10	-	.10
1966	.16	.02	.18	.02	-	.02
1967	.20	.08	.28	.02	-	.02
1968	.04	.04	.08	.02	-	.02
1969	.14	.02	.16	.02	.02	.04
1970	.02	-	.02	-	-	-
Average for twenty years	.43	.06	.49	.09	.004	.10
Average for first five year period 1951 - 1955	.93	.13	1.06	.18	.008	.19
Average for last five year period 1965 - 1970	.11	.03	.14	.02	.004	.02

* Incidence rate shown for these years are too high because inward transfers have been included.

T A B L E X

Nature of Complaints Investigated

<u>Nature of Complaint</u>	<u>Number</u>
Housing Defects	84
Choked and Defective Drains	43
Rats, Mice and Insect Pests	920
Smoke and Fumes	11
Nuisances - general	55
Bins, etc.	69
Miscellaneous	107
	<hr/>
TOTAL.....	1,289
	<hr/>

T A B L E X I

SUMMARY OF VISITS AND INSPECTIONS

Nature of Visits	Total Visits
<u>Dwelling houses inspected for defects</u> Public Health Act and Housing Acts	2545
<u>Other Public Health Visits</u>	
Drain inspections and tests	1200
Water supply	97
Insect infestations	220
Dirty and verminous premises	56
Animal nuisances	72
Accumulations	594
Flooding, etc.	81
Offensive odours	231
Noise nuisances	56
Moveable dwellings	31
Schools	15
Piggeries	16
Public Conveniences	760
Air raid shelters	8
Water courses	93
Fairgrounds and places of entertainment	6
Miscellaneous	104
Abandoned cars	257
Atmospheric Pollution stations	358
Dangerous structures	14
<u>Infectious diseases and food poisoning</u> Enquiries into cases, etc.	543
<u>Factories acts</u>	
Factories with mechanical power	42
Factories without mechanical power	5
Outworkers premises	19
Building sites	8
<u>Offices, Shops and Railway Premises Act</u> Health provisions, etc.	339
<u>Shops Act</u> Hours of closing, etc.	68

T A B L E X I (cont.)

Nature of Visit	Total Visits
<u>Food Premises</u>	
General grocers	116
Greengrocers	31
Fishmongers	6
Butchers and cooked meat shops	41
Bakehouses and confectioners	40
Fried fish shops	65
Restaurants, snack bars, canteens, licensed premises	68
Other food premises	8
Mobile food shops	29
Ice cream - sale and storage	132
Ice cream - manufacture	5
Preserved foods - manufacture	33
Milk vehicles and shops	44
Slaughterhouses	95
Food sampling	57
Food inspections	147
Food complaints	155
<u>Atmospheric Pollution</u>	
Smoke observations	37
Grit, dust, fumes	21
Boiler plant	136
Smoke Control areas	1331
Smoke nuisance investigations	62
<u>Other Visits</u>	
Rodent Control	2002
Refuse collection and disposal	1720
National Assistance Act	1
Petroleum Act	81
Metal Brokers	2
Pet animals, animal boarding and riding establishments	20
Waste food boiling plant	12
Farms	5

T A B L E X I I

Summary of Nuisances and Housing Defects Found and Abated

Nature of Defect	Number Found	Number Remedied
Roofs	10	9
Chimneys	10	8
Gutters	18	18
Rainwater pipes	11	11
External walls	18	15
Soil pipes	10	10
Waste pipes	7	6
Yard surfaces and paths	2	5
Yard walls and gates	4	2
Dustbins	552	552
Drains - defective and choked	490	490
Ceilings	10	8
Internal walls	10	10
Damp walls	65	60
Skirtings	2	1
Floors	8	8
Firegrates and ovens	2	2
Flues	1	1
Windows	25	18
Doors and frames	12	8
Sinks	8	5
Water supply - fittings and pipes	5	5
Staircases	1	1
Paths	2	1
Fresh water closets	12	12
Flooding, etc.	10	10
Abandoned motor vehicles	34	34
Dirty houses	2	1
Offensive odours	2	2
Mobile dwellings	2	2
Accumulations	3075	3075
Animal nuisances	3	2
Streams	12	12
Insect pests	222	222
Noise nuisances	4	4
Dust and fumes	3	2
Smoke nuisances	9	8

T A B L E X I I I

Housing Act, 1957 - Action taken from 1955 to 1970

Description of Area	Address of Houses	No. of Houses
<u>(a) Houses in Clearance Areas</u>		
(i) Houses dealt with between 1955 and 1969		523
(ii) Houses dealt with during 1970		
Mount Skip Ward (Cleggs Lane) Clearance Area No. 1 1970	10 - 26 Cleggs Lane	9
Central Ward (Sandwich Street) Clearance Area No. 1 1970	16 - 64 Sandwich Street 37 - 63 Sandwich Street	39
Central Ward (Atkin Street) Clearance Area No. 2 1970	2 - 12 Atkin Street 2 Booth Street	7
Peel Ward (Smethurst Street)	2 - 14 Smethurst Street	7
St. Mary's Ward (John Street) Clearance Area No. 1 1970	21 - 27 John Street	4
<u>(b) Individual Unfit Houses</u>		
(i) Houses dealt with between 1955 and 1969		157
(ii) Houses dealt with in 1970		3
		—
	TOTAL	749
		—

T A B L E X I V

Housing Statistics

	<u>Houses</u>	<u>Flats</u>	<u>Total</u>
Number of new houses erected during the year:			
By the local authority	36	24	60
By the local authority for Salford	Nil	Nil	Nil
By other bodies or persons	142	-	142

Inspections of dwelling houses during this year

(a) Total number of dwelling houses inspected formally or informally for housing defects (under Public Health or Housing Acts).	2,545
(b) Number of inspections, formal or informal made for the purposes	3,536
(c) Number of dwelling houses in (a) above found to be not in all respects reasonably fit for human habitation but capable of being rendered fit	83

Total number of dwelling houses existing at end of year which were unfit for human habitation and not capable at reasonable expense of being rendered fit and in respect of which:

(a) Demolition, Clearance or Closing Orders have been made	99
(b) Demolition, Clearance or Closing Orders have not yet been made	110

Houses Demolished

Clearance Areas:

1. Houses unfit for human habitation
2. Houses included by reason of bad arrangements, etc.
3. Houses on land acquired under Section 43 (2) Housing Act, 1957

Houses Demolished	Displaced During Year	
	Persons	Families
8)		
-)	66	28
-)		

Houses Demolished (cont.)

Not in Clearance Areas:

4. As a result of formal or informal procedure under Section 17(1) Housing Act 1957
5. Local Authority owned houses certified unfit by the Medical Officer of Health
6. Houses unfit for human habitation where action has been taken under local Acts
7. Unfit houses included in unfitness Orders

Unfit Houses Closed:

1. Under Section 16(4), 17(1) and 35(1) Housing Act 1957
2. Under Section 17(3) and 26 Housing Act 1957
3. Parts of buildings closed under Section 18 Housing Act 1957

Houses Demolished	Displaced During Year	
	Persons	Families
1	10	6
Nil		
Nil		
Nil		
2	3	2
Nil		
Nil		

Unfit Houses Made Fit

	Number
1. By owner after informal action by local authority	71
2. After formal notice under Sections 9 and 16 Housing Act:	
(a) by owner	Nil
(b) by local authority	Nil
3. After formal notice under Public Health Acts	12
4. After modification or revocation of a clearance order under Section 21 Housing Act 1961	Nil
5. After determination of a demolition order under Section 24 Housing Act 1957	Nil
6. After determination of a closing order Section 27 Housing Act 1961	Nil

Unfit Houses Temporary Use (Housing Act 1957)

Position at end of Year:

- (1) Retained for temporary accommodation
- (a) Under Section 48
 - (b) Under Section 17(2)
 - (c) Under Section 46
- (2) Licensed for temporary occupation under Sections 34 and 53

No. of Houses (1)	No. of Separate Dwellings Contained in Column (1) (2)
Nil	Nil
Nil	Nil
Nil	Nil
Nil	Nil

Purchase of Houses by Agreement

Houses in Clearance Areas other than those included in confirmed Clearance Orders or Compulsory Purchase Orders, purchased during the year

No. of Houses (1)	No. of Occupants of houses in Column (1) (2)
Nil	Nil

No. of dwelling houses or other buildings affected in schemes

Owner Occupied	Others	Local Authority
46	5	-
46	5	-
46	5	Nil
46	5	Nil
27	4	Nil
-	-	Nil
-	-	-

Housing Act, 1949 and Housing (Financial Provisions) Act, 1958 - Improvement Grants, etc.

Action during the year:

- (i) Submitted by private individuals to local authority
- (ii) Approved by local authority
- (iii) Submitted by local authority to Ministry
- (iv) Finally approved by Ministry
- (v) Work completed
- (vi) Additional separate dwellings included in (v) above
- (vii) Any other action taken under the acts

T A B L E X I V (cont.)

House Purchase and Housing Act, 1959
and Housing Acts, 1961, 1964 and 1969 Standard Grants

	<u>No. of dwellings or other buildings affected</u>
Action during year:	
(i) Application submitted to local authority for improvement to	
(a) full standard	10
(b) reduced standard	4
(ii) Total applications approved by local authority for improvement to	
(a) full standard	10
(b) reduced standard	4
(iii) Work completed	12

RENT ACT 1957

Part I - Application for Certificate of Disrepair

1. Number of applications for Certificates	Nil
2. Number of decisions not to issue Certificates	Nil
3. Number of decisions to issue Certificates	
(a) in respect of some but not all defects	Nil
(b) in respect of all defects	Nil
4. Number of undertakings given by landlords under Paragraph 5 of the First Schedule	Nil
5. Number of undertakings refused by Local Authority under proviso to paragraph 5 of the First Schedule	Nil
6. Number of certificates issued	Nil

Part II - Application for Cancellation of Certificates

7. Applications by landlords to Local Authority for cancellation of Certificate	Nil
8. Objections by tenants to cancellation of certificates	Nil
9. Decision by Local Authority to cancel in spite of tenant's objections	Nil
10. Certificates cancelled by Local Authority	Nil

There were no applications for Certificates under the Housing Repairs and Rent Act 1954.

T A B L E X V

Number of Animals Slaughtered and Inspected

	Cattle Excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed	92	-	-	165	71
Number inspected	92	-	-	165	71
<u>All diseases except Tuberculosis</u>					
Whole carcasses condemned	-	-	-	-	-
Carcasses of which some part or organ was condemned	11	-	-	18	10
Percentage of the number inspected affected with disease other than Tuberculosis	12.0	-	-	10.9	7.1
<u>Tuberculosis only</u>					
Whole carcasses condemned	-	-	-	-	-
Carcasses of which some part or organ was condemned	-	-	-	-	-
Percentage of number inspected affected with Tuberculosis	-	-	-	-	-
<u>Cysticerocosis</u>					
Carcasses of which some part or organ was condemned	-	-	-	-	-
Carcasses submitted to treatment by refrigeration	-	-	-	-	-
Generalised and totally condemned	-	-	-	-	-

Total weight of carcase meat and organs condemned: 1 cwt. 2 qtrs. 5 lbs.

T A B L E X V I

Other Foods Inspected and Condemned

<u>Nature of Food</u>	<u>Weight</u> <u>Lbs.</u>
Meat at retail shops	523
Canned meat	70
Shellfish	672
Fruit and vegetables	152
Other foods	159
	<hr/>
	1,576
	<hr/>

In addition 4,209 packets of frozen food were condemned due to refrigerated displays breaking down.

T A B L E X V I I

Food and Drugs Samples

Samples	Number Examined	Number found to be irregular
Blancmange	1	-
Bread	6	1
Bread mix	1	-
Biscuits	1	-
Butter	4	-
Chocolate eclairs	1	-
Desert powder chocolate	1	-
Dried vegetables	2	-
Honey	1	-
Honey cakes	1	-
Instant Whip	2	-
Jelly	1	-
Meat products	2	1
Meat and potato pie	2	2
Cake/biscuit mix	1	-
Milk	2	1
Molasses	1	-
Cereals with fruit and nuts	2	-
Pancake mix	1	-
Prune desert	1	-
Residue from drinking cup	1	-
Sausages	2	1
Scones	1	-
Scone meal	1	-
Sherbet bar	1	1
Sugar	3	-
Soft drinks	7	1
Sweets	2	-
Stuffing mix	1	-
Tea	3	-
Tinned fish	4	-
Tinned meat products	5	1
Tinned vegetables	11	-
Trifle	1	1
Wheat embryo	1	-
Drugs	6	-
TOTAL	88	10

T A B L E X V I I I

Number and Type of Food Premises

Type of Business	Number
General grocers and provisions dealers	85
Greengrocers and fruiterers	18
Fishmongers (including poultry, game, etc.)	3
Meat Shops (including cooked meats, tripe, etc.)	31
Bakers and confectioners	21
Fried Fish Shops	21
Shops selling mainly sugar confectionery, minerals, ice-cream, etc.	23
Licensed premises, clubs, canteens, cafes, etc.	101
Others	13

Number of Food Premises Registered Under Section 16
of the Food and Drugs Act 1955

Type of Business	No. Registered	No. of Inspections
Ice cream manufacture	2	5
Ice cream sale and storage	116	132
Preserved foods	16	33
Hawkers	45	29

Milk and Dairies

Number of distributors registered and operating from:

(a)	Dairies in the district	-	7
(b)	Shops other than dairies	-	95

T A B L E X I X

Food Premises and Vehicles

Summary of Defects Found and Improvements Effectuated

Nature of Defect	Found	Abated
Hot Water	4	2
Notice "Wash your Hands"	2	2
Washing facilities - hands	8	6
Washing facilities - utensils	3	3
Utensils, etc. (condition and cleanliness)	25	25
Storage of outdoor clothing	3	3
Towels, soap, brush, etc.	3	3
Drainage	7	7
Rodents and Insects	5	5
Structural defects	11	10
Walls, etc. (cleanliness)	44	40
Impervious surfaces	6	3
Condensation	2	1
Food handling	2	1
Milk Regulations	5	5
Refuse storage	2	2
Accumulations	19	19
Sanitary Accommodation	12	12
Clothing	-	-
First aid kit	5	4
Contamination of food	10	9
Lighting and ventilation	5	4
Absence of name on stall or vehicle	-	-
Hawkers Registration	-	-
Hawkers Vehicles (conditions and cleanliness)	-	-
Smoking in food rooms	1	1
Slaughterhouses - defects	2	2
Ice cream regulations	1	1

T A B L E X X

Measurement of Atmospheric Pollution by means
of Volumetric Apparatus situated at three
stations in the District

12 Bridgewater Road, Walkden

PERIOD	SMOKE Micrograms/Meter ₃			SO ₂ Micrograms/Meter ₃		
	Average	Highest	Lowest	Average	Highest	Lowest
1970						
January	127	463	37	224	545	126
February	87	481	8	277	776	72
March*	-	-	-	-	-	-
April	66	142	22	148	444	65
May	59	115	24	128	201	52
June	39	74	12	177	471	32
July	22	38	11	43	110	22
August	44	115	7	98	240	34
September	64	232	7	91	226	39
October	84	271	14	129	348	16
November	88	257	20	136	303	46
December	133	712	30	190	690	98

* No readings taken during these months

T A B L E X X (Continued)

Hulton County Secondary School

PERIOD	SMOKE Micrograms/Meter ₃			SO ₂ Micrograms/Meter ₃		
	Average	Highest	Lowest	Average	Highest	Lowest
1970						
January	220	512	54	138	392	6
February	63	181	8	100	295	35
March*	-	-	-	-	-	-
April	55	118	12	82	432	28
May	75	168	19	85	232	23
June*	-	-	-	-	-	-
July	25	55	12	50	13	2
August*	-	-	-	-	-	-
September	64	119	12	110	240	22
October	103	207	33	100	161	29
November	101	286	36	162	516	18
December	259	916	45	280	746	47

Bridgewater School

PERIOD	SMOKE Micrograms/Meter ₃			SO ₂ Micrograms/Meter ₃		
	Average	Highest	Lowest	Average	Highest	Lowest
1970						
January*	-	-	-	-	-	-
February	86	323	19	142	672	58
March	67	116	10	198	311	55
April*	-	-	-	-	-	-
May	54	59	18	148	247	12
June	45	73	24	194	264	53
July	14	31	6	60	245	16
August	61	103	20	73	182	19
September	55	121	6	106	214	54
October	79	220	10	147	280	15
November	83	271	19	147	327	31
December	147	956	32	194	472	76

* No readings taken during these months

T A B L E X X (cont.)

SMOKE CONTROL AREAS

The following table shows the position, at the time of preparing the report, of the Council's Smoke Control Programme

Brief Description of Area	TYPE OF PREMISES				Acreage	Date Operative
	Dwellings	Industrial	Commercial	Others		
Part Peel Estate	1438	-	1	1	168	1.11.61
Part Central Ward No. 1	714	7	85	12	94	1.8.63
Armitage Estate and Part Hulton East Ward	788	1	28	9	240	1.7.66
Part Central Ward No. 2	1561	2	25	7	534	1.12.67
Worsley Ward	1830	9	34	14	845	1.12.68
Mount Skip Ward No. 1	874	5	10	9	107	1.12.69
Mount Skip Ward No. 2	1300	3	19	2	109	1.12.69
Linnyshaw Ward No. 1	1356	26	76	12	540	1.11.71
TOTALS	9861	53	278	66	2637	-

T A B L E X X I

Factories Acts 1937 to 1961

INSPECTIONS FOR PURPOSE OF PROVISION AS TO HEALTH

Premises	Number on Register	Number of Inspections	Number of Written Notices	No. of Occupiers Prosecuted
Factories without mechanical power	2	5	-	-
Factories with mechanical power	125	42	7	-
Other premises in which Section 7 is enforced by Local Authority	5	8	-	-
Totals	132	55	7	-

CASES IN WHICH DEFECTS WERE FOUND

	Found	Remedied	Referred		Prosecutions
			To H.M. Inspector	By H. M. Inspector	
Want of cleanliness	-	-	-	-	-
Overcrowding	-	-	-	-	-
Unreasonable temperature	-	-	-	-	-
Inadequate ventilation	-	-	-	-	-
Want of drainage to floor	-	-	-	-	-
Sanitary Conveniences: Insufficient	5	1	-	-	-
Unsuitable or defective	7	8	-	1	-
Not separate for sexes	-	-	-	-	-
Other offences	1	-	1	-	-
TOTALS	13	9	1	1	-

There were 15 outworkers in the district during the year

T A B L E X X I (Cont.)

Offices, Shops and Railway Premises Act 1963

	CLASS OF PREMISES				
	Offices	Retail Shops	Wholesale Shops Warehouses	Catering Establishments open to public Canteens	Fuel Storage Depots
(a) No. of registered premises at end of year	88	208	10	42	1
(b) No. of registered premises which received a general inspection during year	20	53	4	3	—
(c) No. of exemptions current at end of year:					
Space (S.5 (2))	—	—	—	—	—
Temperature (S.6)	—	—	—	—	—
Sanitary Conveniences (S.9)	—	—	—	—	—
Washing Facilities (S.10)	—	—	—	—	—
(d) No. of visits of all kinds by inspectors to registered premises...	90				
(e) Details of any prosecutions during the year.....	Nil				

T A B L E X X I (cont.)

Offices, Shops and Railway Premises Act 1963

ANALYSIS OF CONTRAVENTIONS

Section	Contraventions Found	No.
4	Cleanliness	18
5	Overcrowding	-
6	Temperature	9
7	Ventilation	7
8	Lighting	13
9	Sanitary Convenience	12
10	Washing Facilities	8
11	Supply of Drinking Water	-
12	Clothing Accommodation	1
13	Sitting Facilities	1
14	Seats (Sedentary Workers)	1
15	Eating Facilities	1
16	Floors, passages and stairs	16
17	Fencing exposed parts of machinery	8
18	Protection of young persons from dangerous machinery	-
19	Training of young persons working at dangerous machinery	-
23	Prohibition of heavy work	-
	First Aid	16
	General Provisions	-
	Registration	-
	Abstract of Act	37
	No thermometers	21
	Hoists and lifts	1

T A B L E X X I I

RODENT CONTROL

	Type of Property	
	Non-Agricultural	Agricultural
(a) Number of properties in district	19,778	32
(b) Total number of properties (including nearby premises) inspected following notification	540	4
(c) Number of (b) infested by:		
rats	323	4
mice	185	-
(d) TOTAL number of properties inspected for rats and/or mice for reasons other than notification	47	-
(e) Number of (d) infested by:		
rats	3	-
mice	-	-

T A B L E X X I I I

MOTOR TRANSPORT

The following vehicles are employed in the collection and disposal of refuse.

Type	Registration No.	Date of Purchase
Shelvoke and Drewry	947 BTF	1.5.57
Bedford/Eagle Compressmore	5537 NF	31.10.62
Karrier Blenheim	2935 NF	26.7.62
Bedford/Eagle Compressmore	2267 VU	2.1.64
Dennis Paxit IIA	GTJ 809B	30.9.64
Dennis Paxit IIIA	UTE 157D	3.3.66
Dennis Paxit IIIA	ATF 377E	9.1.67
Dennis/Eagle Compressload	TTD 393H	5.8.69
Drott Skid Shovel	-	31.5.68
Tractor Trailer	6351 ED	1.12.63

T A B L E X X I V

SALVAGE COLLECTION AND SALES

Year ending 31st December, 1970

	QUANTITY			INCOME	
	Tons	Cwts.	Qrs.	£	p
Total Waste Paper for 1970	211	6	0	2011	48
Total Waste Paper for 1969	242	4	2	2081	20

